

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051462

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 195 682 B1 (HO RANDALL S ET AL) 27 February 2001 (2001-02-27)	1-3,5-14
Y	abstract column 2, line 8 - line 19 column 3, line 1 - line 46 -----	4
Y	WO 99/18534 A (WEB BALANCE INC) 15 April 1999 (1999-04-15)	4
A	page 4, line 1 - line 15 page 6, line 23 - line 31 -----	1-3,5-14
A	US 2002/133611 A1 (MULLER SOPHIE ET AL) 19 September 2002 (2002-09-19) paragraphs '0041! - '0056! -----	1-14
A	US 2003/110257 A1 (HYUN WOOK ET AL) 12 June 2003 (2003-06-12) the whole document -----	1-14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

15 November 2004

Date of mailing of the international search report

22/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Perez Perez, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051462

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6195682	B1	27-02-2001	NONE	
WO 9918534	A	15-04-1999	US 6128279 A	03-10-2000
			AU 1074099 A	27-04-1999
			CA 2306260 A1	15-04-1999
			EP 1044545 A2	18-10-2000
			JP 2002510077 T	02-04-2002
			WO 9918534 A2	15-04-1999
			US 2003069968 A1	10-04-2003
US 2002133611	A1	19-09-2002	NONE	
US 2003110257	A1	12-06-2003	KR 2003047543 A	18-06-2003